

Texas Commission on Environmental Quality Drinking Water Advisory Work Group (DWA WG) Meeting

April 28, 2015

Program Updates

- Welcome

Gary Chauvin – Manager - Public Drinking Water Section

Gary.C Chauvin@tceq.texas.gov (512) 239-1687

James Beauchamp – Assistant - Public Drinking Water Section

James.Beauchamp@tceq.texas.gov (512) 239-6174

Melinda Torres – Assistant - Public Drinking Water Section

Melinda.Torres@tceq.texas.gov (512) 239-3132

- Permitting & Registration Support Division

Occupational Licensing Section

Russell Gardner - Manager

Occupational Licensing (OL) – Russell.Gardner@tceq.texas.gov (512) 239-3111

Paul Munguía/ – Program Supervisor

Occupational Licensing (OL) – Paul.Munguia@tceq.texas.gov (512) 239-6394

Izzy Parra/ – Program Supervisor

Contact:(OL)Paul.Munguia@tceq.texas.gov (512) 239-6394

January 15, 2015 – April 15, 2015

Backflow Prevention Assembly Tester	
Applications Received (new & renewal)	557
New Licenses Issued	175
Renewal Licenses Issued	341
Total Current Licenses	5,365
Tests Administered	0
Tests Passed	0
Passing Percentage	0

CUSTOMER SERVICE INSPECTOR	
Applications Received (new & renewal)	179
New Licenses Issued	50
Renewal Licenses Issued	98
Total Current Licenses	1,774
Tests Administered	125
Tests Passed	66
Passing Percentage	53%

Water Operator	
Applications Received (new & renewal)	1,957
New Licenses Issued	537
Renewal Licenses Issued	1,037
Total Current Licenses	14,835
Tests Administered	1,416
Ground Water Treatment Operator - B	39
Ground Water Treatment Operator - C	186
Surface Water Treatment Operator - B	96
Surface Water Treatment Operator - C	113
Water Distribution Operator - B	68
Water Distribution Operator - C	202
Water Operations Company	0
Water Operator - A	25
Water Operator - D	687
Tests Passed	
Ground Water Treatment Operator - B	15
Ground Water Treatment Operator - C	72
Surface Water Treatment Operator - B	18
Surface Water Treatment Operator - C	58
Water Distribution Operator - B	13
Water Distribution Operator - C	78
Water Operations Company	0
Water Operator - A	19
Water Operator - D	299

Passing Percentage	40%
Ground Water Treatment Operator - B	39%
Ground Water Treatment Operator - C	39%
Surface Water Treatment Operator - B	19%
Surface Water Treatment Operator - C	51%
Water Distribution Operator - B	19%
Water Distribution Operator - C	39%
Water Operations Company	0
Water Operator - A	76%
Water Operator - D	44%

Water Treatment Specialist	
Applications Received (new & renewal)	83
New Licenses Issued	35
Renewal Licenses Issued	34
Total Current Licenses	630
Tests Administered	
Water Treatment Specialist - I	2
Water Treatment Specialist – II	7
Water Treatment Specialist – III	10
Tests Passed	
Water Treatment Specialist – I	1
Water Treatment Specialist – II	4
Water Treatment Specialist – III	1
Passing Percentage	
Water Treatment Specialist - I	50%
Water Treatment Specialist - II	57%
Water Treatment Specialist – III	10%

- *Environmental Assistance Division (EAD)*

Small Business and Local Government Assistance

Joy Schultz –

Small Business and Local Government Assistance (SBLGA) Section

Joy.Schultz@tceq.texas.gov (512) 239-3470

No update.

- ***Water Supply Division (WSD)***
 - Plan & Technical Review (PTR) Section***
 - Utilities Technical Review (UTR) Team***
 - Technical Review and Oversight Team (TROT)***

Joel Klumpp - Manager

Plan and Technical Review Section – Joel.Klumpp@tceq.texas.gov
(512) 239-4453

Vera Poe - Team Leader

Utilities Technical Review – Vera.Poe@tceq.texas.gov
(512) 239-6988

Tamira Konkin Garcia – Team Leader

Technical Review and Oversight Team – Tamira.Konkin-Garcia@tceq.texas.gov
(512) 239-1298

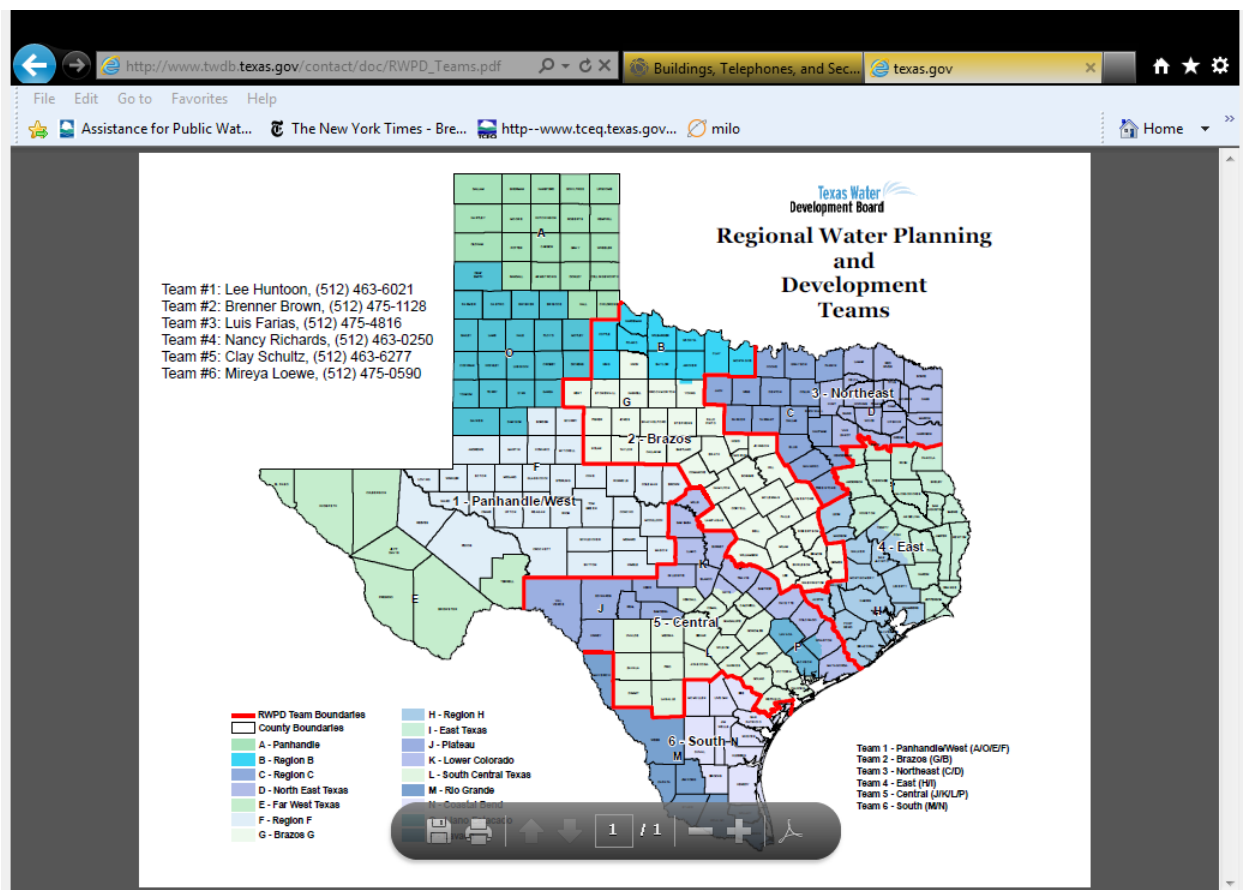
Updates:

- **Desal Plus Rule Package:**
 - On January 21, 2015, TCEQ’s Commission approved the release of the rule proposal for public comments.
 - The proposed rule’s 30-day public comment was from February 6 – March 10, 2015. A public hearing was held on February 26, 2015 to receive input from the public and stakeholders.
 - The proposed rule is scheduled to be heard by the TCEQ Commission on July 1, 2015.
 - If approved, the rule package would take effect July 23, 2015.
- **Recap from January 20, 2015 DWA WG As-built Plans Stakeholder Group:**
 - The discussion objective was to find options for public water systems to submit as-built plans without incurring the cost of hiring a professional engineer.

- Older systems cannot be excluded from this requirement based on a “grandfather clause.”
- The general discussion touched upon topics including:
 - The minimum amount of information needed to operate a system;
 - The difficulty in finding older approval letters;
 - Concerns over video logs and their value;
 - Operational information that is valuable;
 - Raw water sampling analysis;
 - The use of operation and maintenance manuals to obtain operational information for a system.
- **TWICC:**
 - The Texas Water Infrastructure Coordination Committee (TWICC) will hold its next regular meeting on Thursday, May 14th. For more information on TWICC, to fill out a form requesting information or ask to meet with the group go to www.twicc.org
 - TWICC is holding a free workshop in Lubbock, Texas on Wednesday, June 17, 2015. This workshop will include both technical and funding presentations as well as an opportunity to meet one-on-one with the funding and regulatory agencies. To register you can go to the TRWA’s website or call TRWA at 512-472-8591.
 - TWICC will also be making presentation and will be available for one-on-one discussions on projects and funding at the
 - TRWA Technical Conference in Galveston in July and
 - the TCEQ PDW Conference in August in Austin.
- **Drinking Water State Revolving Fund:**
 - TCEQ is in the process of ranking the annual DWSRF submittals of proposed projects.
 - TWDB accepts projects for the DWSRF program on an annual basis which are due March 1st of each year. However, projects can be added throughout the year until funding is fully utilized.
 - If you have questions about DWSRF, or any of the other funding programs available at TWDB, you can contact one of the six

geographical team leaders. There is a map on the TWDB website that shows the names and phone numbers of those team leaders. (see below)

- As we discussed at the last DWA WG meeting, TCEQ and TWDB conduct a needs survey on the states drinking water infrastructure every four years. We're about to start that survey in the next few months. The survey results EPA and Congress determine how much of the DWSRF to allot to each state.
- **Capacity Development:**
 - Do you know a public water system that could use some free assistance? We can make assignments to the current FMT contract for a wide variety of assistance from surface water treatment reporting, drought assistance to looking at consolidation opportunities. Our contact person for the FMT contract is Stacy Foster at 512-239-3105.
 - We are always looking for potential candidates to serve as temporary managers or receivers or purchasers of troubled water systems. Please contact Patty Garcia at 512-239-4726.



- ***Office of Compliance and Enforcement***
Program Support Section

Beryl Thatcher – Section Manager

OCE Program Support Section – Beryl.Thatcher@tceq.texas.gov

(512) 239-2270

- **Introduction of new Section Manager**
- **Update on the Enforcement Initiation Criteria**

June Ella Martinez – PWS/Water Liaison

OCE Program Support Section- [June Ella.Martinez@tceq.texas.gov](mailto:June_Ella.Martinez@tceq.texas.gov)

(512) 239-3242

- **Public Water System (PWS) Regional Activity**

Information below represents the number of PWS activities conducted by the OCE regional staff in FY15 (9/01/14 – 4/23/15):

- 532 Complaint Investigations
- 129 Focused Investigations
- 31 Compliance Record Review Investigations
- 31 Follow-up Investigations
- 116 Recon Investigations
- 1,779 Comprehensive Compliance Investigations (CCIs)

- ***Water Supply Division***

Public Drinking Water (PDW) Section

Gary Chauvin - Manager

Public Drinking Water Section – Gary.C Chauvin@tceq.texas.gov

(512) 239-1687

James Beauchamp – Assistant

James.Beauchamp@tceq.texas.gov (512) 239-6174

Melinda Torres – Assistant

Melinda.Torres@tceq.texas.gov (512) 239-3132

- ***Drinking Water Inventory and Enforcement Team (DWIET)***

John Schildwachter – Team Leader

Drinking Inventory and Enforcement Team –

John.Schildwachter@tceq.texas.gov (512) 239-2355

PHS Fees

FY 2014:

Total statements: 6,949

Amount Invoiced: \$20,227,245

Invoices Outstanding: \$14,494

Amount collected (as of 04/27/2015): \$20,212,751 (99.93%)

Statements mailed: 11/19/2013 (all invoices are dated 11/30/2013)

Payment due in full: 01/01/2014

FY 2015:

Total statements: 6,941

Amount Invoiced: \$20,557,542

Invoices Outstanding: \$59,396

Amount Collected (as of 04/27/2015): \$20,498,145 (99.71%)

Statements mailed: 11/19/2014 (all invoices dated 11/30/2014)

Payment due in full: 01/01/2015

RAF

CY 2013:

Billed Accounts: 2,296

Nonpaid Utilities: 139

Paid Utilities: 2,157

Amount Collected (as of 04/27/2015): \$8,735,919 (94%)

Statements mailed: 12/17/2013 (all invoices are dated 12/17/2013)

Payment due in full: 01/30/2014

CY 2014:

Billed Accounts: 2,305

Nonpaid Utilities: 332

Paid Utilities: 1,973

Amount Collected (as of 04/27/2015): \$8,829,869 (86%)

Statements mailed: 12/31/2014 (all invoices are dated 12/31/2014)

Payment due in full: 01/30/2015

Boil Water Notices

Received for 1st Quarter of 2015: 467 (262 issued; 205 rescinded)

Public Notice

Public Notices Submitted (Data Entry):

Jan 2015: 791

Feb 2015: 469

Mar 2015: 361

Q1, 2015 Total: 1,621

Public Notice Violations:

Jan 2015: 470

Feb 2015: 78

Mar 2015: 725

Q1, 2015 Total: 1,273

Enforcement Notes for 4th Quarter 2014

103 Enforcement cases

8 Data Maintenance case

Enforcement Notes for 1st Quarter 2015

72 Enforcement cases

3 Data Maintenance case

Number of PWS's on the Enforcement Targeting Tool list.

10/8/2014 258

10/13/2014 259

10/20/2014 299

11/3/2014 318

11/10/2014 282

11/17/2014 291

11/24/2014 304

12/1/2014 297

12/22/2014 298

12/29/2014 285

1/5/2015 278

1/20/2015	301
1/26/2015	296
2/2/2015	318
2/9/2015	321
2/17/2015	314
2/23/2015	329
3/2/2015	339
3/9/2015	326
3/16/2015	319
3/23/2015	324
3/30/2015	315
4/6/2015	324
4/13/2015	271
4/20/2015	264
4/27/2015	271

Inventory Notes: The Inventory Team received 2,787 and processed 464 change requests in addition to 629 CCI's received and 11 reviewed.

- *Drinking Water Quality Team (DWQT) Update*

Team Leader – Steven Swierenga

Drinking Water Quality Team

Steven.Swierenga@tceq.texas.gov (512) 239-6611

Chemical Compliance

- Sampling
14,044 chemical compliance samples were collected during the first quarter of 2015 by our sample contractor.
- Chemical MCL Violations
235 first quarter 2015 MCL violations were issued for DBPs, inorganic chemicals, and radionuclides.
- Monitoring and Reporting (M&R) Violations
66 chemical monitoring & reporting violations were issued during the third quarter of 2014 for DBPs, inorganic chemicals, organic chemicals, secondary constituents and radionuclides.

If you have questions related to M&R compliance please contact Megan Melick at 512-239-2374.

- Disinfectant Level Quarterly Operating Report (DLQOR)
218 Monitoring and Reporting violations for non-submittal and 144 violations for late submittal for the 4Q 2014 compliance period were issued on April 8, 2015.
If you have questions related to DLQOR please contact Katie Murphy at 512-239-4706.

Lead and Copper Rule

- During the 1st quarter of 2015, the Lead and Copper program issued 643 Lead Consumer Notice violations.
- Also during the 1st quarter of 2015, there were 1 lead action level and 7 copper action level exceeder notices sent.

If you have questions related to LCR please contact Laurie Gehlsen at 512-239-4660.

Total Coliform Rule

- For January, February, and March of 2015 (1st Quarter 2015) we received **56,990** routine and repeat samples so far, but we have not migrated all of March 2015 sample data and only about half of the manual data entry is completed.
- For January, February, and March of 2015 (1st Quarter 2015) we received **0** TCR acute MCLs and **21** TCR non-acute MCLs.
- For January and February of 2015 (1st Quarter 2015) there are;
 - TCR Routine Monitoring Violations: **363**
 - TCR Repeat Monitoring Violations: **35**

Surface Water Treatment Rule

SWMOR M&R Compliance

There were 58 M/R violations issued during the first quarter for failure to submit the Surface Water Monthly Operating Report (SWMOR). Letters were mailed on January 15, 2015 and February 5, 2015 to 37 different public water systems.

- ***Drinking Water Technical Review Team (DWTRT)***

Jonathan Haynes – Team Leader

Drinking Technical Review Team – Jonathan.Haynes@tceq.texas.gov

(512) 239-4662

Drought

(Alexander Hinz, Drought Coordinator, Alexander.Hinz@tceq.texas.gov (512) 239-4720, Daniel Rice, Assistant Drought Coordinator, Daniel.Rice@tceq.texas.gov, Jessika Gunn-Reece, Wendi Wilkes, Sara Sopczynski, Jerad Laxson)

Water Utilities Status

On **April 24, 2015**, there were **1,168** public water systems (PWSs) asking customers to follow outdoor water use restrictions, (**down one from three** weeks ago).

- Of these systems, **776** are asking customers to follow a mandatory watering schedule (**up one from three** weeks ago); and
- **392** are asking customers to follow a voluntary watering schedule (**down two from three** weeks ago).
- **73** PWSs that have prohibited all outside watering.
- March precipitation throughout most of the state ranged from normal to eight inches above normal. Precipitation deficits of up to two inches occurred throughout the panhandle, across the Rolling Plains, and extending into central Texas. Heading into the fifth year of drought, monthly forecasts for April 2015 indicate drought conditions may persist and/or intensify throughout the panhandle, extending across the Rolling Plains, and throughout the central region. Monthly forecasts indicate removal of drought conditions is likely in isolated portions of the north central region, extending south into isolated areas of central and south central Texas.

Natural Disaster Management

(Alexander Hinz, Drought Coordinator, Alexander.Hinz@tceq.texas.gov, (512) 239-4720, Jessika Gunn-Reece, Wendi Wilkes, Sara Sopczynski, Ryan Calaway, Andrea James)

- **1,168** public water systems (PWSs) asking customers to follow outdoor water use restrictions.
 - Of these systems, **775** are asking customers to follow a mandatory watering schedule and
 - **393** are asking customers to follow a voluntary watering schedule.
- Seasonal forecasts continue to predict the drought to persist or intensify in some areas of the state. Winter temperatures are anticipated to be below normal and precipitation to be above normal. The outcome is anticipated to decrease demands and allow for steady water supply source levels. However, long term precipitation deficits and below normal surface water and groundwater levels most likely will remain throughout the winter.
- Currently **72** PWSs have prohibited all outside watering.

March precipitation throughout most of the state ranged from normal to eight inches above normal. Precipitation deficits of up to two inches occurred throughout the panhandle, across the Rolling Plains, and extending into central Texas. Heading into the fifth year of drought, monthly forecasts for April 2015 indicate drought conditions may persist and/or intensify throughout the panhandle, extending across the Rolling Plains, and throughout the central region. Monthly forecasts indicate removal of drought conditions is likely in isolated portions of the north central region, extending south into isolated areas of central and south central Texas.

Ground Water Rule (GWR)

(Matt Court, Claudia Solis)

- **118** Systems received TSM Violation
- **6** GWR Corrective Action Letters Mailed
- **3676** Raw Water Samples Posted
- **250** GWR & TCR phone calls / emails
- **17** Meetings and Trainings Attended

Emergency Preparedness Plan (EPP)

(Alex Hinz, Sara Sopczynski)

- **0** EPP Projects Submitted
- **2** EPP Approval Letters Mailed

Ground Water Source Inventory / Ground Water Under The Influence (GUI)

(Gregg Tatum)

- Processed **43** newly-approved groundwater well completion packages
- Reviewed **366** Comprehensive Compliance Investigation reports; updated SDWIS to reflect all changes related to well owner ID / physical address / activity status / tested capacity (gpm)
- Continued efforts to track status of GUI PWS not meeting SWTR treatment/reporting requirements; assisted management in identifying systems to receive Notices of Violation (NOV) or Notices of Enforcement (NOE)

Exceptions & Public Information Requests (PIRs)

(Greg Tipple and Data Support Group)

- PDW Section Responses to Public Information Requests Completed – **353**
 - PDW stated it had no responsive documents – **317**
 - PDW provided individual response and/or data package – **36**

(Greg Tipple, Sean Ables, Gregg Tatum, Matt Court)

- DWTRT Cross-Team Reviews for TROT of Exception Requests Completed (geological conditions and well construction) – **67**

Source Water Assessment & Protection (SWAP) / Source Water Protection (SWP)

(Mason Miller, Sean Ables)

- TCEQ DWTR Team manages the SWP contract with Atkins North America Inc. and subcontractors. Contractors are working with **24** public water systems in 12 counties to complete SWP plans and implement best management practices during FY15.
- TCEQ DWTR Team assists Texas Rural Water Association as they continue to implement SWP projects for public water systems throughout the state by providing SWP area maps and GPS technical assistance.
- TCEQ DWTR Team assists TROT with the Texas Optimization Program and Texas Optimization Program Recognition Program.
- TCEQ DWTR Team staff continue to serve as the TCEQ GPS Coordinators and Trainers for TCEQ's staff and contractors.

Data Support

(James Stapel, Meagan Warncke, Carl Bouscaren, Henrietta Elston, Wanza Guyton, Kent Steelman, Rusty Thomas, Rylan Fields)

- Provided training for TCR data submissions in E2 to labs in the San Antonio area
- Continued work on importing DLQOR data from E2 to compliance application
- Current FY Data Support (IDA) requests completed: **225**
- Data entry: DLQOR –**5586**, CLO2 – **446**, Chlorite – **1214**
- **1473** Surface Water Monthly Operating reports entered
- Return to Compliance (RTC): **1216** violations returned to compliance and migrated into SDWIS
- Continued work on NOV letter generation in support of the DWQ Team
- Deployed SDWIS and ancillary applications at the Data Services Center (DSC) for Test and Development environments
- Completed migration of Office of Water content from the T-Net to SharePoint
- Updated location/metadata for Public Water System sources statewide
- Federal Reporting of Compliance Data to EPA
 - Texas submitted over **392,807** records to EPA for review
 - These data include information on public water system facilities, compliance samples, and violations and enforcement actions
 - TCEQ has a current error rate of **0.06%** for FY14

- Homeland Security/EPP

Melinda Torres – Assistant

Emergency Preparedness Plan (Texas Water Code, §13.1395 and §13.1396)

Next DWA WG Meeting: July 21, 2015